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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Kyu Seo HAN et al.

ART UNIT: 2621

APPLICATION NO.: 10/532,219

EXAMINER: RAO, ANAND SHASHIKANT

FILING DATE: April 22, 2005

FOR: Method and apparatus for motion estimation using adaptive search pattern for video sequence compression

**REVOCATION OF POWER OF ATTORNEY AND
NEW POWER OF ATTORNEY**

COMMISSIONER FOR PATENTS
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SIR:

The undersigned representative of **Electronics and Telecommunications Research Institute**, an owner by virtue of assignment of the above-identified application, hereby revokes any and all previous Powers of Attorney, and appoints the practitioners associated with the **Customer Number 22429** as Assignee's attorneys with full power of substitution and revocation, to prosecute said patent application, receive any Letters Patent and to take any and all other actions with regard to this patent application and any Letters Patent issuing thereon, and request that all correspondence be sent to **Customer No. 22429** or **Lowe Hauptman & Berner, LLP.**, 1700 Diagonal Road, Suite 300, Alexandria, Virginia 22314.

CERTIFICATION UNDER 37 C.F.R. 3.73(b)

I, the undersigned, certify that I am an individual empowered to act on behalf of **Electronics and Telecommunications Research Institute**, the assignee of the entire right, title and interest of the above-identified application by virtue of an assignment from the inventor(s).

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were

made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Electronics and Telecommunications Research Institute

Date of Signature: May 5, 2009

Signature: J. H. Shin

Name: Jung-hwan Shin

Title of Signor: Head of IPR Management Team